FOIL and Factor pop quiz (version 27)

FOIL the expressions shown below:

1. $(x+9)(x-5)$

$$x^2 + 4x - 45$$

2. $(x-2)(x+7)$

$$x^2 + 5x - 14$$

3. $(x-9)(x-9)$

$$x^2 - 18x + 81$$

4. $(x+5)(x+2)$

$$x^2 + 7x + 10$$

5. $(x+8)(x+3)$

$$x^2 + 11x + 24$$

Factor the expressions shown below:

6. $x^2 - 7x - 18$

$(x - 9)(x + 2)$

7. $x^2 - 7x + 6$

$(x - 1)(x - 6)$

8. $x^2 - 3x - 18$

$(x - 6)(x + 3)$

9. $x^2 + 15x + 56$

$(x + 7)(x + 8)$

10. $x^2 - 5x - 36$

$(x + 4)(x - 9)$